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(54) Title: **ELECTRODE LINER TUBE**

(57) Abstract: The purpose of the invention is to provide a filler wire guide tube, wherein the feeding resistance of the wire is lower than earlier, the deposition of material on the inner surface is smaller and that is sufficiently stiff to prevent formation of sharp bends. These problems are solved so, that the guide tube is formed of a two-layered plastic material, wherein the shell layer is high density polyethylene and the inner layer forming the tube of the filler wire guide is polyethylene that has been doped at least with particulate polytetrafluoroethylene (PTFE).

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